

Condensed Matter & Materials Physics

Temperature dependence of thermal conductivity of sintered superconducting $Y_{1-x}Sm_xBa_2Cu_3O_{7-\delta}$ pellets

A K DHAMI AND T K DRY

Crystal and molecular structure of 2-phenyl-3N-[3"-chloro-4"-fluoro) phenyl]-4-thiazolidinone

K V ARJUNA GOWDA, M K KOKILA, PUTTARAJA, M V KULKARNI
AND N C SHIVAPRAKASH

Correlation between microstructure and mechanical property of industrial Cu-Mn-Zn alloys : Effect of transitional solute Mn

H DUTTA, S K PRADHAN AND M DIL

Non-radiative transitions of 2-methylindole and 2-methylindoline in presence of the electron acceptor 2-nitrofluorene at the ambient as well as at liquid N_2 temperatures

S SINHA, M MAITI, T MISRA AND T GANGULY

Radial distribution function for superfluid 4He , and the effect of interaction potentials thereon

A N PHUKAN AND P J BHUYAN

Optical properties of Nd^{3+} ions in Alkali-Alumino-Borate glasses

S HAZARIKA AND S RAI

The effect of pressure and temperature on the conductivity and sensitivity of SnO_2/Pt based gas sensors

A H AMMAR AND EL-SAYED M FARAG

On a problem of piezoelectric bar under electrical and thermal excitation

T K MUKHOPADHYAY, K K KUNDU AND N C DAS

Dielectric dispersion and relaxation mechanism of some polar molecules and their binary mixtures in benzene solutions at microwave frequencies

A D VYAS AND V A RANA

Growth and characterization of bismuth thiourea chloride (BTC)

G KANCHANA, D ARIVUOLI, L KAZIMIERZ AND R FORNARI

Particle Physics

Renormalization-group-improved radiatively corrected Higgs masses in the minimal supersymmetric standard model at LEP 2

B GHOSH AND S CHAKRABARTY

[Cont'd. on next page]

Notes

Evaluation of trapping parameters of thermally stimulated glow curves in KCl : Pb : Mn single crystals

J MANAM AND A N C V RAO

Polarization in poly (vinyl chloride) (PVC) and poly (methyl methacrylate) (PMMA) blends films investigated by thermally stimulated depolarization current technique

P E PATIL, J M KELLER, R K DUBEY AND S C DATTA

Isothermal compression and thermal expansion of rhenium

MUNISH KUMAR

Evidence of multifractal structure of multiplicity distributions of pions produced in π -AgBr interaction at 350 GeV/c

DIPAK GHOSH, ARGHA DEB, PRABHAT BANDYOPADHYAY, MITALI MONDAL,

SWARNAPRATIM BHATTACHARYYA, JAYATI GHOSH AND KANCHAN PATRA